

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	2511	(subframe\$1 or su adj1 frame\$1 or subsampl\$3 or sub adj1 sampl\$3 or sub adj1 symbol\$1 or subsymbol\$1 or upsampl\$3 near3 subsampl\$3 or upsampl\$3 near4 sub adj1 sampl\$3 or oversampl\$3 near4 subsampl\$3 or oversampl\$3 near3 sub adj1 sampl\$3) with (conver\$4 or transform\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:46	
2	BRS	L2	2471	(subframe\$1 or su adj1 frame\$1 or subsampl\$3 or sub adj1 sampl\$3 or sub adj1 symbol\$1 or subsymbol\$1 or upsampl\$3 near3 subsampl\$3 or upsampl\$3 near4 sub adj1 sampl\$3 or oversampl\$3 near4 subsampl\$3 or oversampl\$3 near3 sub adj1 sampl\$3) with (map\$4 or group\$4 or arrang\$5 or classif\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:55	

	Error Definition	Err ors
1		
2		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
3	BRS	L3	3	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) with (tim\$4 near3 select\$4 or tim\$3 near3 switch\$4 or tim\$3 near2 acquisition or timing adj2 circuit\$3) with (integrat\$4 or noise near2 remov\$5 or noise near3 reduc\$6 or noise near3 suppress\$\$ or noise near2 cancel\$6 or noise near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:53	

	Error Definition	Err ors
3		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
4	BRS	L4	3	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) with (tim\$4 near3 select\$4 or tim\$3 near3 switch\$4 or tim\$3 near2 acquisition or timing adj2 circuit\$3) with (integrat\$4 or noise near2 remov\$5 or noise near3 reduc\$6 or noise near3 suppress\$4 or noise near2 cancel\$6 or noise near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:18	

	Error Definition	Err ors
4		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
5	BRS	L5	3	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) with (tim\$4 near3 select\$4 or tim\$3 near3 switch\$4 or tim\$3 near2 acquisition or timing adj2 circuit\$3) with (integrat\$4 or distort\$4 near2 remov\$5 or distort\$4 near3 reduc\$6 or distort\$4 near3 suppress\$4 or distort\$4 near2 cancel\$6 or distort\$4 near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:18	

	Error Definition	Err ors
5		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
6	BRS	L6	7	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) same(tim\$4 near3 select\$4 or tim\$3 near3 switch\$4 or tim\$3 near2 acquisition or timing adj2 circuit\$3) same (integrat\$4 or noise near2 remov\$5 or noise near3 reduc\$6 or noise near3 suppress\$\$ or noise near2 cancel\$6 or noise near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:54	
7	BRS	L7	7	3 or 4 or 5 or 6	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:54	
8	BRS	L8	1	1 and 2 and 7	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:54	
9	BRS	L9	444	1 and 2	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:56	

	Error Definition	Err ors
6		
7		
8		
9		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
10	BRS	L10	1	9 and (tim\$3 near3 select\$4 near3 integrat\$4 or switch\$4 near3 tim\$4 near3 integrat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:14	
11	BRS	L11	1	10 and "20"	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 13:57	
12	BRS	L12	2904	(tim\$3 near3 select\$4 near3 integrat\$4 or switch\$4 near3 tim\$4 near3 integrat\$4).	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:10	
13	BRS	L13	2904	12 with (integrat\$4 or noise near2 remov\$5 or noise near3 reduc\$6 or noise near3 suppress\$4 or noise near2 cancel\$6 or noise near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:00	
14	BRS	L14	2904	12 with (integrat\$4 or distort\$4 near2 remov\$5 or distort\$4 near3 reduc\$6 or distort\$4 near3 suppress\$4 or distort\$4 near2 cancel\$6 or distort\$4 near2 eliminat\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:00	

	Error Definition	Err ors
10		
11		
12		
13		
14		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
15	BRS	L15	2	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) with 12	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:01	
16	BRS	L16	2	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) same 12	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:43	
17	BRS	L17	2	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) same 13	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:04	
18	BRS	L18	1	"6456677".pn.	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:07	

	Error Definition	Err ors
15		
16		
17		
18		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
19	BRS	L19	69413	(speed\$3 near3 adjust\$4 or speed nearr3 process\$3 or speed\$3 near3 improv\$6) with (ADC or "A/D" or oversampl\$3 or over adj1 sampl\$3 or upsampl\$3 or up adj1 sampl\$4 or subsampl\$3 or sub adj1 sampl\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:11	
20	BRS	L20	17	19 same 14	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:11	
21	BRS	L21	1150	(speed\$3 near3 adjust\$4 or speed near3 process\$3 or speed\$3 near3 improv\$6) with (ADC or "A/D" or oversampl\$3 or over adj1 sampl\$3 or upsampl\$3 or up adj1 sampl\$4 or subsampl\$3 or sub adj1 sampl\$4)	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:11	
22	BRS	L22	1	21 same 14	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:11	
23	BRS	L23	7	21 and 14	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 14:12	

	Error Definition	Err ors
19		
20		
21		
22		
23		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
24	BRS	L24	118	lee-seung-hwan.in.	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:13	
25	BRS	L25	6	kim-eung-bae.in.	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:13	
26	BRS	L26	4	24 and 25	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:14	
27	BRS	L27	120	24 or 25	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:14	
28	BRS	L28	1	27 and 1	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:14	
29	BRS	L29	2	27 and (tim\$3 near3 select\$4 near3 integrat\$4 or switch\$4 near3 tim\$4 near3 integrat\$4)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:16	

	Error Definition	Err ors
24		
25		
26		
27		
28		
29		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
30	BRS	L30	4390	(tim\$4 near3 sync\$1 or tim\$4 near3 sincroniz\$10 or timing near2 acquisition\$1 or timing near2 circuit or sincroniz\$10 near2 symbol\$1 or timing near1 symbol\$1) with (integrat\$4 or noise near2 remov\$5 or noise near3 reduc\$6 or noise near3 suppress\$4 or noise near2 cancel\$6 or noise near2 eliminat\$4)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:18	
31	BRS	L31	4186	(tim\$4 near3 sync\$1 or tim\$4 near3 sincroniz\$10 or timing near2 acquisition\$1 or timing near2 circuit or sincroniz\$10 near2 symbol\$1 or timing near1 symbol\$1) with (integrat\$4 or distort\$4 near2 remov\$5 or distort\$4 near3 reduc\$6 or distort\$4 near3 suppress\$4 or distort\$4 near2 cancel\$6 or distort\$4 near2 eliminat\$4)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:19	
32	BRS	L32	4419	30 or 31	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:19	

	Error Definition	Err ors
30		
31		
32		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
33	BRS	L33	353	32 same (receiver\$1 or demodulat\$4)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:20	
34	BRS	L34	5	32 and 1	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:25	
35	BRS	L35	1990	(ADC or "A/D" or "AD" or digital adj1 conver\$4) with (DSP or signal adj1 process\$4) with (integrat\$4 or timing adj2 symbol\$1 or timing near2 select\$4 or sync\$12 near2 timing or timing near2 acquisition or timing near2 circuit\$3 or symbol near2 sync\$12)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:50	
36	BRS	L36	139	35 and "375"/\$.ccls.	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:30	

	Error Definition	Err ors
33		
34		
35		
36		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
37	BRS	L37	548	(ADC or "A/D" or "AD" or digital adj1 conver\$4) with (DSP or signal adj1 process\$4) with (integrat\$4 near3 noise or timing adj2 symbol\$1 or timing near2 select\$4 or sync\$12 near2 timing or timing near2 acquisition or timing near2 circuit\$3 or symbol near2 sync\$12 or integrat\$4 near3 interference or integrat\$4 near3 distort\$4 or integrat\$4 near3 undesir\$4 or integrat\$4 near3 unbalanc\$3 or integrat\$4 near3 intersymbol\$1)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:29	
38	BRS	L38	39	37 and "375"/\$.ccls.	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:30	
39	BRS	L39	10	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) and (36 or 37)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:48	

	Error Definition	Err ors
37		
38		
39		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
40	BRS	L40	10	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) and (35)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:51	
41	BRS	L41	7900	(ADC or "A/D" or "AD" or digital adj1 conver\$4 or sampler\$1 or sampling or oversampl\$3) same (DSP or signal adj1 process\$4) same (integrat\$4 or timing adj2 symbol\$1 or timing near2 select\$4 or sync\$12 near2 timing or timing near2 acquisition or timing near2 circuit\$3 or symbol near2 sync\$12)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:51	
42	BRS	L42	73	(optim\$4 near3 sync\$1 or optim\$4 near3 synchroniz\$10 or maxim\$4 near3 sync\$1 or maxim\$4 near3 synchroniz\$10 or best adj2 sync\$1 or best adj2 synchroniz\$10 or greatest adj2 sync\$1 or greatest adj2 synchroniz\$10) and (41)	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 14:52	
43	BRS	L43	63	42 not 39	US-PGPUB ; USPAT ; EPO; JPO	2006/10/20 15:17	

	Error Definition	Err ors
40		
41		
42		
43		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
44	BRS	L44	53	43 and integrat\$4	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 15:18	
45	BRS	L45	40	44 and speed\$3	US- PGPUB ; USPAT ; EPO; JPO	2006/10/2 0 15:18	

	Error Definition	Err ors
44		
45		